PRIMS

Physical Readiness Information Management System

PRIMS and Population Health

Navy Environmental Health Center
22 March 2006
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CDR, MC, USN (UMO)

Notice

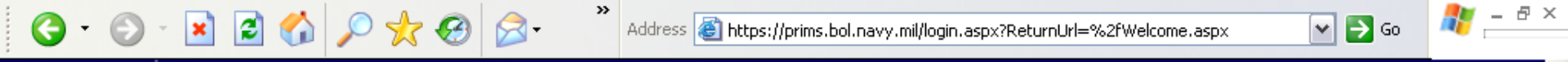
- Disclaimer
  - The views expressed in this presentation are those of the author and do not necessarily reflect the official policy or position of the Department of the Navy, Department of Defense, or the United States Government.
- Research Ethics Statement
  - I declare no conflicts of interest or financial interests in any product or service mentioned in this article, including grants, employment, stock holdings, gifts, or honoraria.

Objectives

- Describe the PRIMS data and its source
- Describe distribution (PRELIMINARY) of
  - Risk factors
  - Body Composition
  - Scores
- List useful graphs and reports

Physical Readiness Program

- OPNAVINST 6110.1H dtd 15AUG05
- Perform semi-annually
- Report 2 PFAs per year via PRIMS
- Navy Personnel Command
  - Maintain statistical data
    - Physical fitness
    - Performance
  - Reporting systems



PRIMS
Physical Readiness Information Management System

Login ID

Password:

Logon

First Time Users / Forgot my Password

For login problems, please contact BUPERS ONLINE (BOL) at 1-800-951-6289.

For technical support with PRIMS, contact 901-874-2229, option 3.

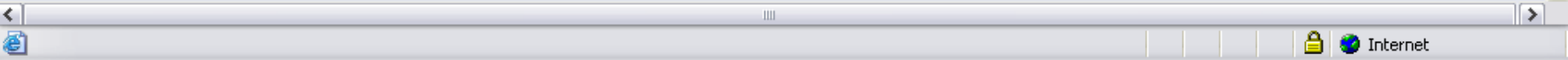
PRIMS Login Help E-Mail Prims

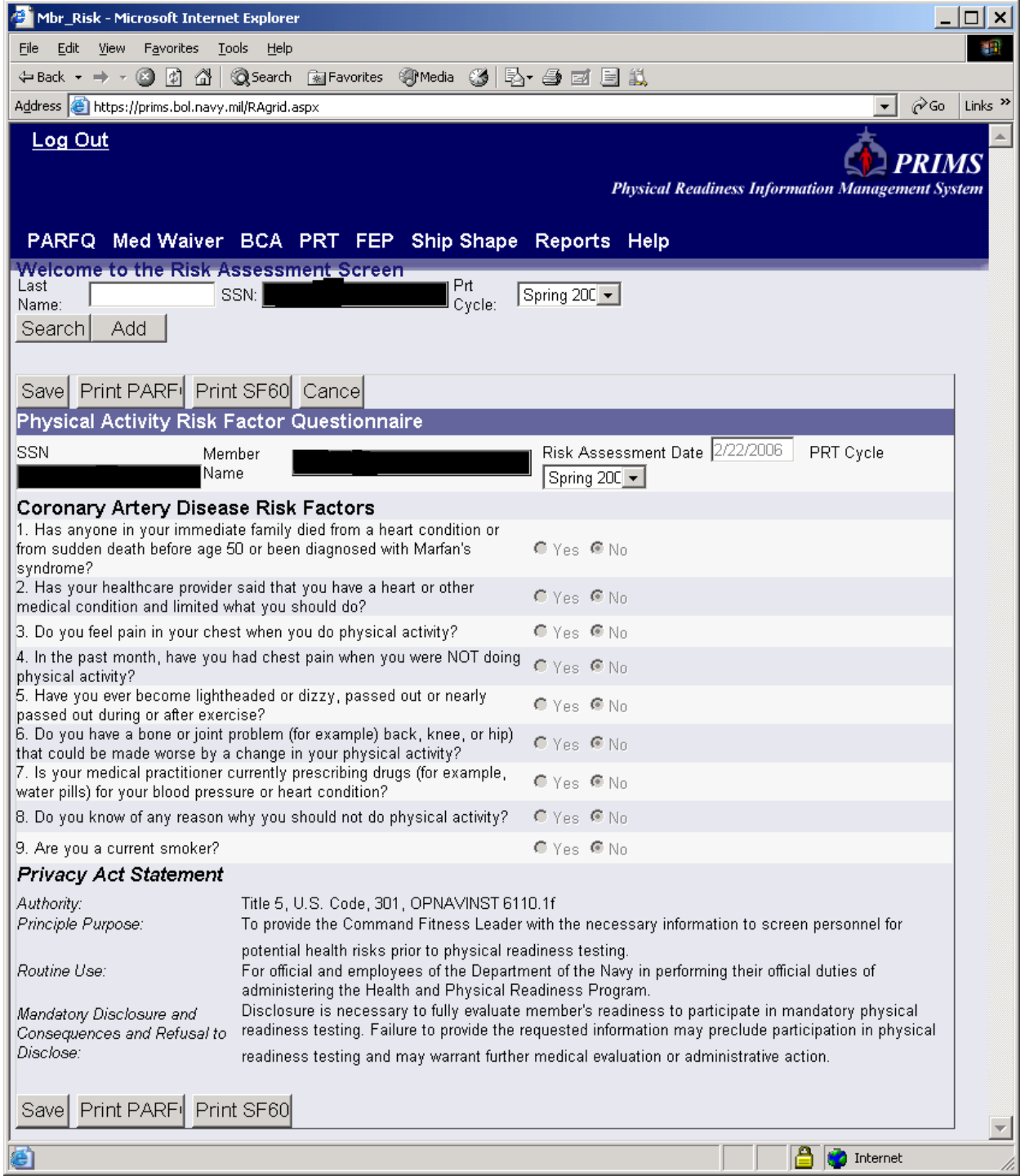
Physical Readiness HomePage

Echelon II Report Summaries

This is an official US Navy Web Site.

NOTICE: ON 1 OCT 2004 THIS WEB SITE WILL ACCEPT A DOD PKI CERTIFICATE FOR ACCESS




Mbr_Risk - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://prims.bol.navy.mil/RAgrid.aspx
Go Links
Log Out
PRIMS
Physical Readiness Information Management System
PARFQ Med Waiver BCA PRT FEP Ship Shape Reports Help
Welcome to the Risk Assessment Screen
Last Name:
SSN: [redacted]
Prt Cycle: Spring 200
Search Add
Save Print PARF Print SF60 Cance
Physical Activity Risk Factor Questionnaire
SSN [redacted]
Member Name [redacted]
Risk Assessment Date 2/22/2006
PRT Cycle Spring 200
Coronary Artery Disease Risk Factors
1. Has anyone in your immediate family died from a heart condition or from sudden death before age 50 or been diagnosed with Marfan's syndrome? Yes No
2. Has your healthcare provider said that you have a heart or other medical condition and limited what you should do? Yes No
3. Do you feel pain in your chest when you do physical activity? Yes No
4. In the past month, have you had chest pain when you were NOT doing physical activity? Yes No
5. Have you ever become lightheaded or dizzy, passed out or nearly passed out during or after exercise? Yes No
6. Do you have a bone or joint problem (for example) back, knee, or hip) that could be made worse by a change in your physical activity? Yes No
7. Is your medical practitioner currently prescribing drugs (for example, water pills) for your blood pressure or heart condition? Yes No
8. Do you know of any reason why you should not do physical activity? Yes No
9. Are you a current smoker? Yes No
Privacy Act Statement
Authority: Title 5, U.S. Code, 301, OPNAVINST 6110.1f
Principle Purpose: To provide the Command Fitness Leader with the necessary information to screen personnel for potential health risks prior to physical readiness testing.
Routine Use: For official and employees of the Department of the Navy in performing their official duties of administering the Health and Physical Readiness Program.
Mandatory Disclosure and Consequences and Refusal to Disclose: Disclosure is necessary to fully evaluate member's readiness to participate in mandatory physical readiness testing. Failure to provide the requested information may preclude participation in physical readiness testing and may warrant further medical evaluation or administrative action.
Save Print PARF Print SF60
Internet

Data Tables and Fields

1. Member (21)
   - Person Identifiers, Rank, NEC, Designator
   - Unit Identifier Code, …
2. PARFQ Answers (24 → 9)
   - Risk Factors: HTN, Smoking, FH CV Dz
   - Symptoms: Chest pain, Ortho problems, …
3. PFA (41)
   - Height, Weight, (Body Fat), Test Scores, …

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- Describe (spring 2005) distribution (PRELIMINARY) of
  - Risk factors
  - Body Composition
  - Scores
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2005 Overview (PRELIMINARY)

	Count	Percentage
PARFQs	232,771	100.0
Rank		
Enlisted	193,962	83.3
Officers	37,828	16.3
Other (CW)	981	0.4
Service		
USN	195,658	84.1
USNR	37,100	15.9
Other*	13	0.0

*Army 2, Air Force 1, Marine Corps 10

2005 Overview (PRELIMINARY)

	Count	Percentage
Sex		
Male	194,870	83.7
Female	37,901	16.3

Risk Factor Percentages (PRELIMINARY)

- Are you a current tobacco user?
  - 20.3%
- Do you have bone, joint, or muscle problem that may prevent you from doing physical activity of any kind?
  - 9.2%
- Has a doctor ever told you that you have high cholesterol or are you on cholesterol medication?
  - 7.2%

Risk Factor Percentages (PRELIMINARY)

- Has a health care provider ever denied or restricted your participation in sports?
  - 6.3%
- Do you have high blood pressure or are you on blood pressure medication?
  - 4.6%

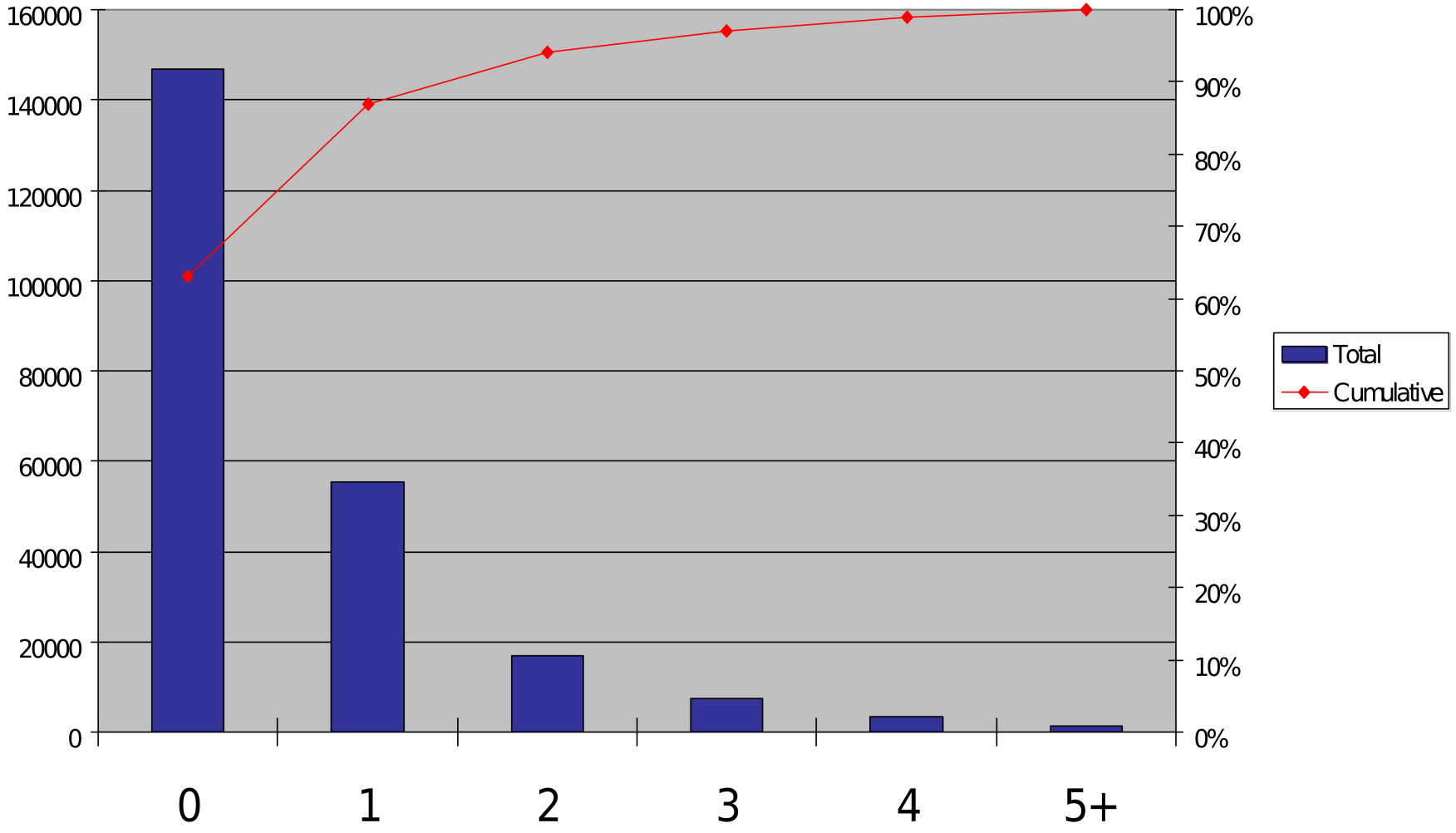
Risk Factor Percentages (PRELIMINARY)

- Are you sedentary?
  - 3.8%
- Are you a male greater than 40 years old or female greater than 50 and do not participate in a consistent aerobic exercise activity 3 to 5 times weekly?
  - 2.8%

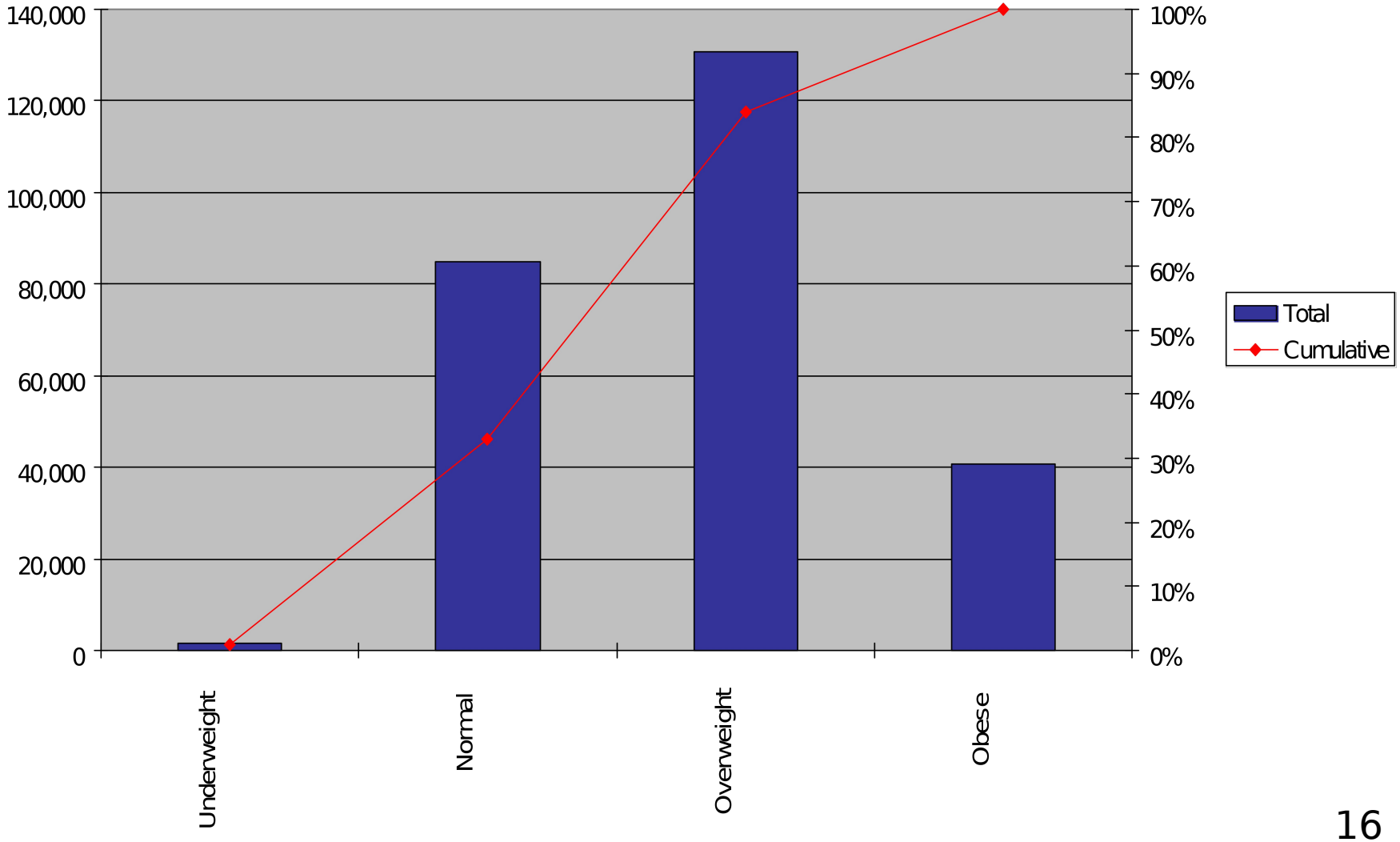
Risk Factor Percentages (PRELIMINARY)

- Has your father or brother died without any explanation or suffered from a heart attack before the age of 45?
  - 1.7
- Has your mother or sister died without any explanation or suffered from a heart attack before the age of 55?
  - 1.1%

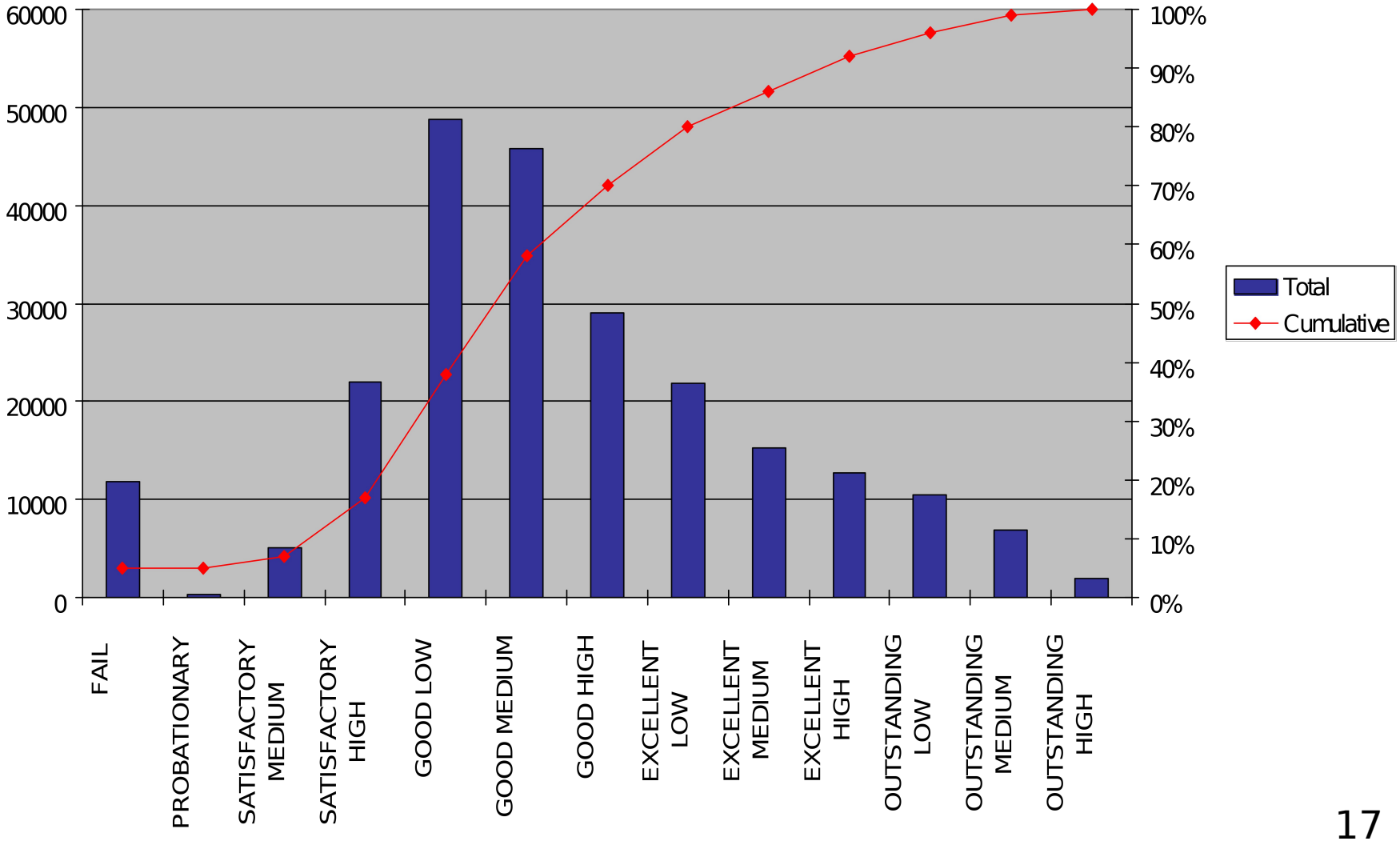
Risk Factors (n = 231,724) (PRELIMINARY)



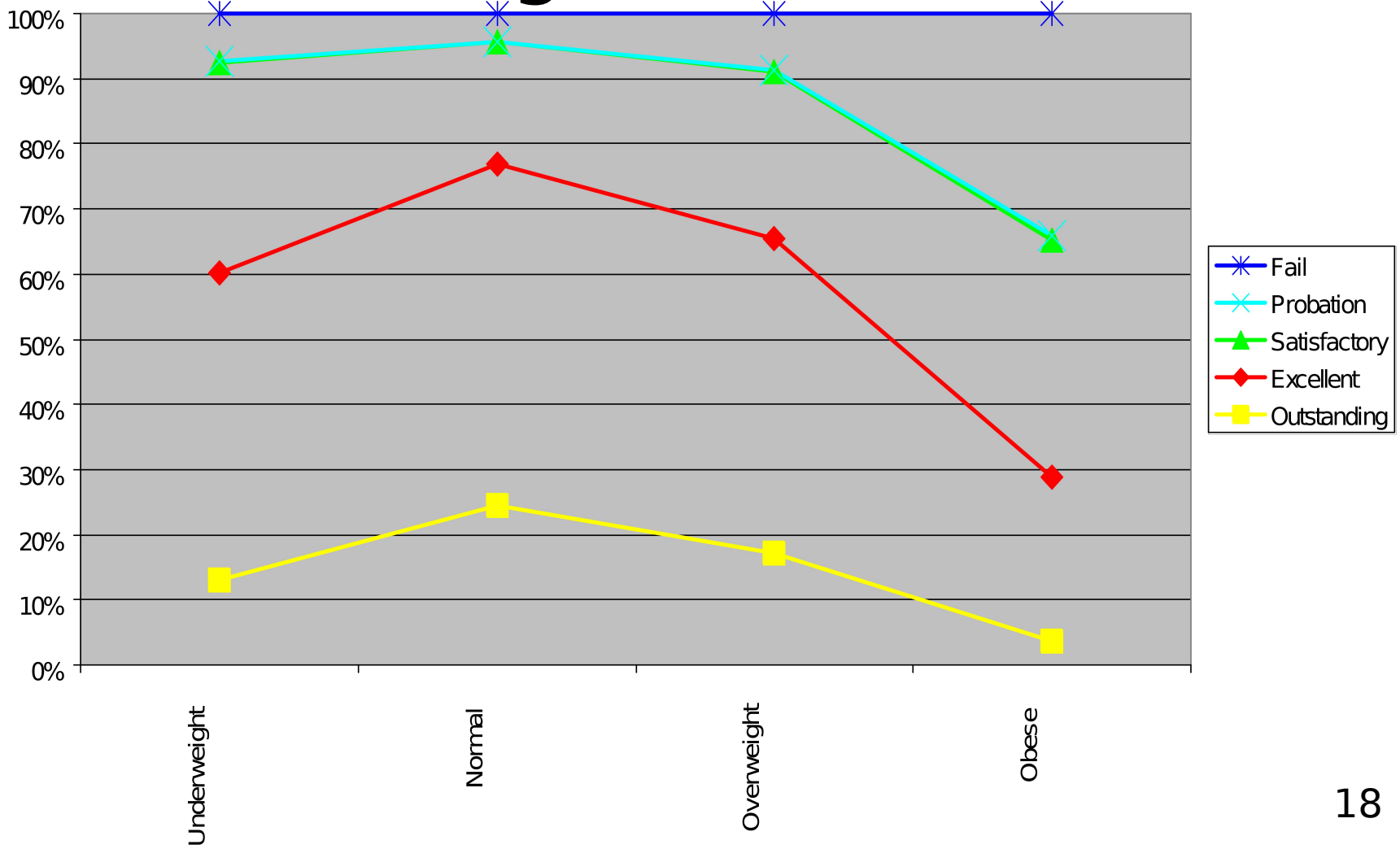
BMI Status (n = 257,989) (PRELIMINARY)



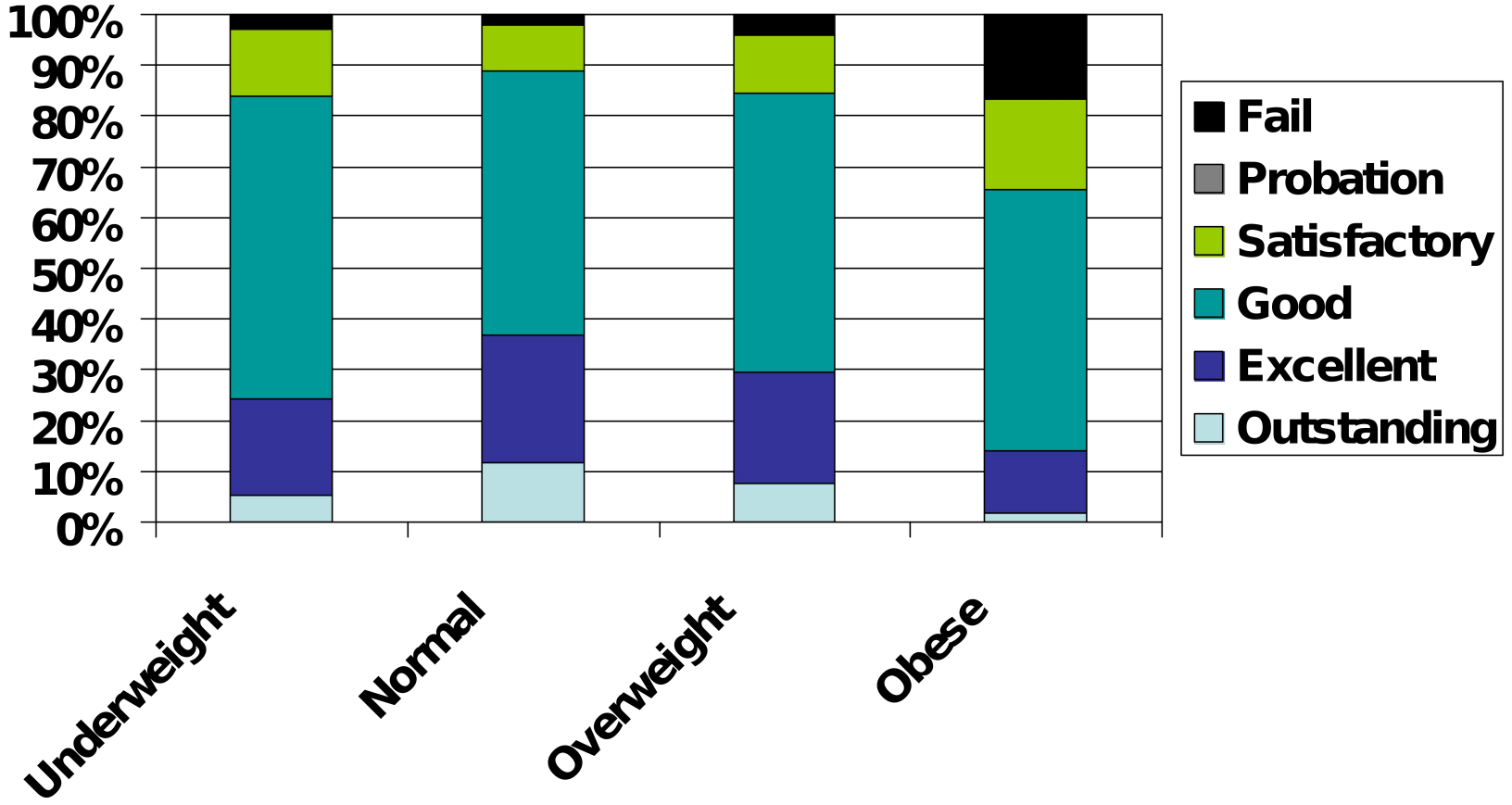
Scores (n = 231,724) (PRELIMINARY)



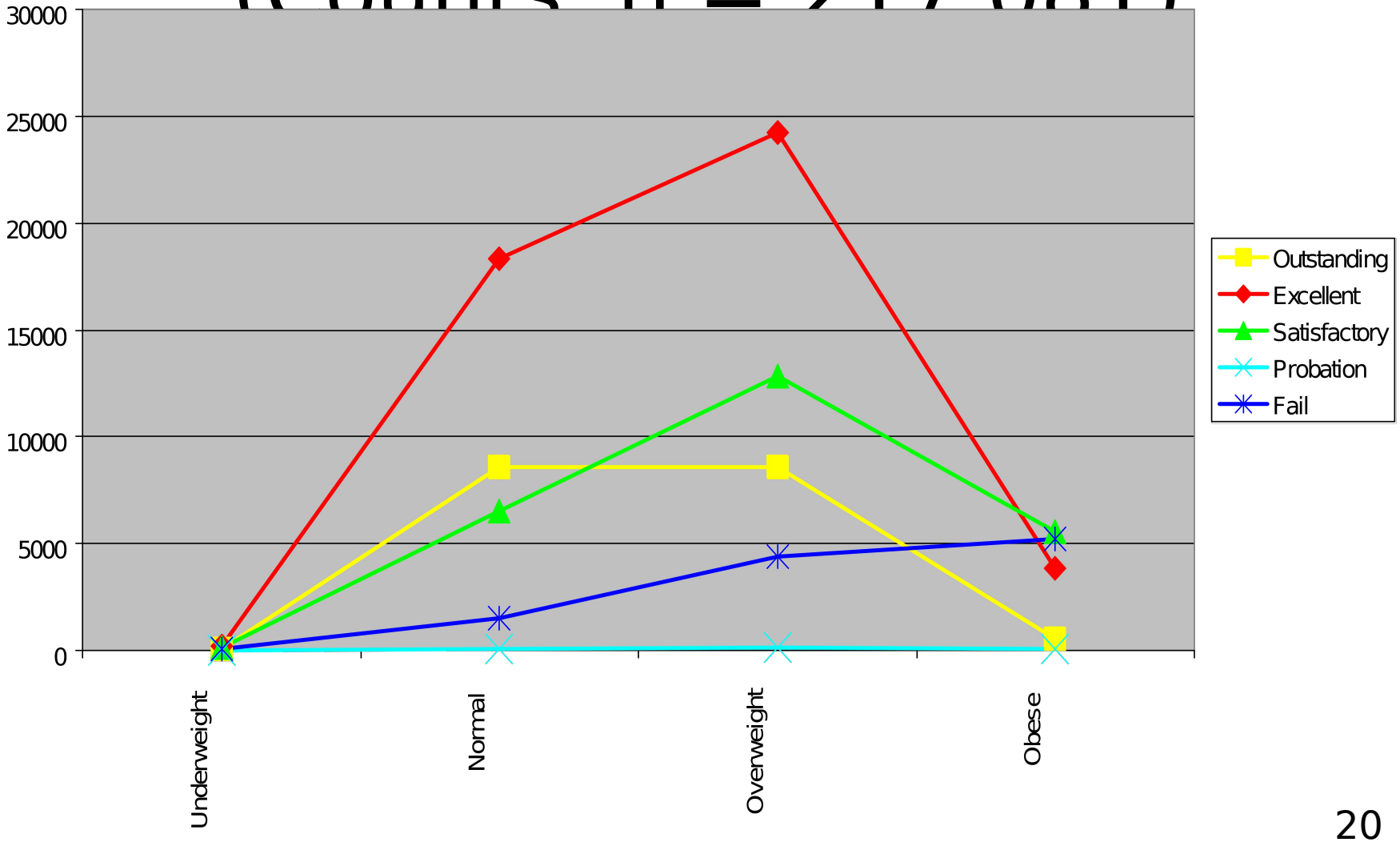
Performance vs. BMI Status (PRELIMINARY) (Percentages, n = 217,081)



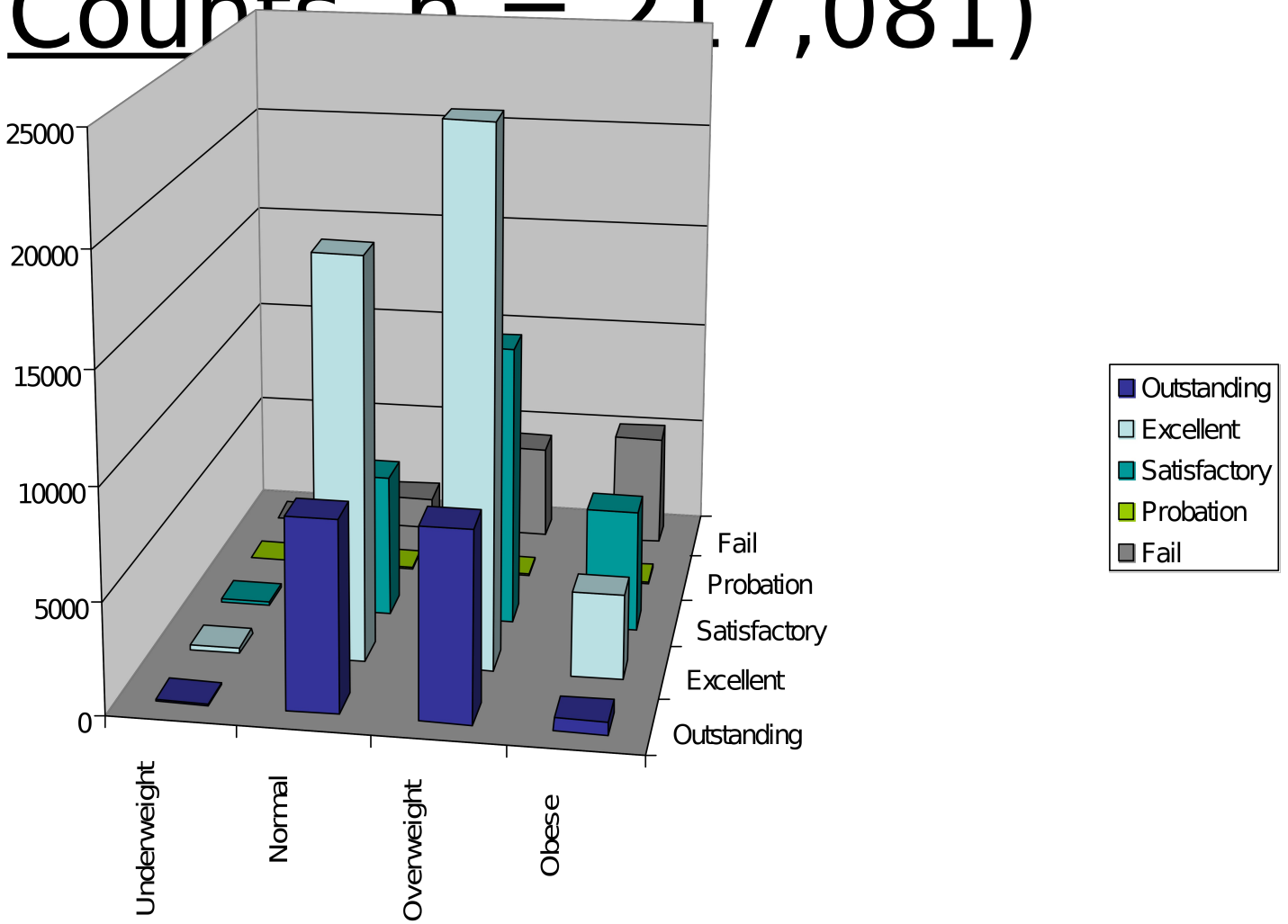
Performance vs. BMI Status (PRELIMINARY) (Percentages, n = 217,081)



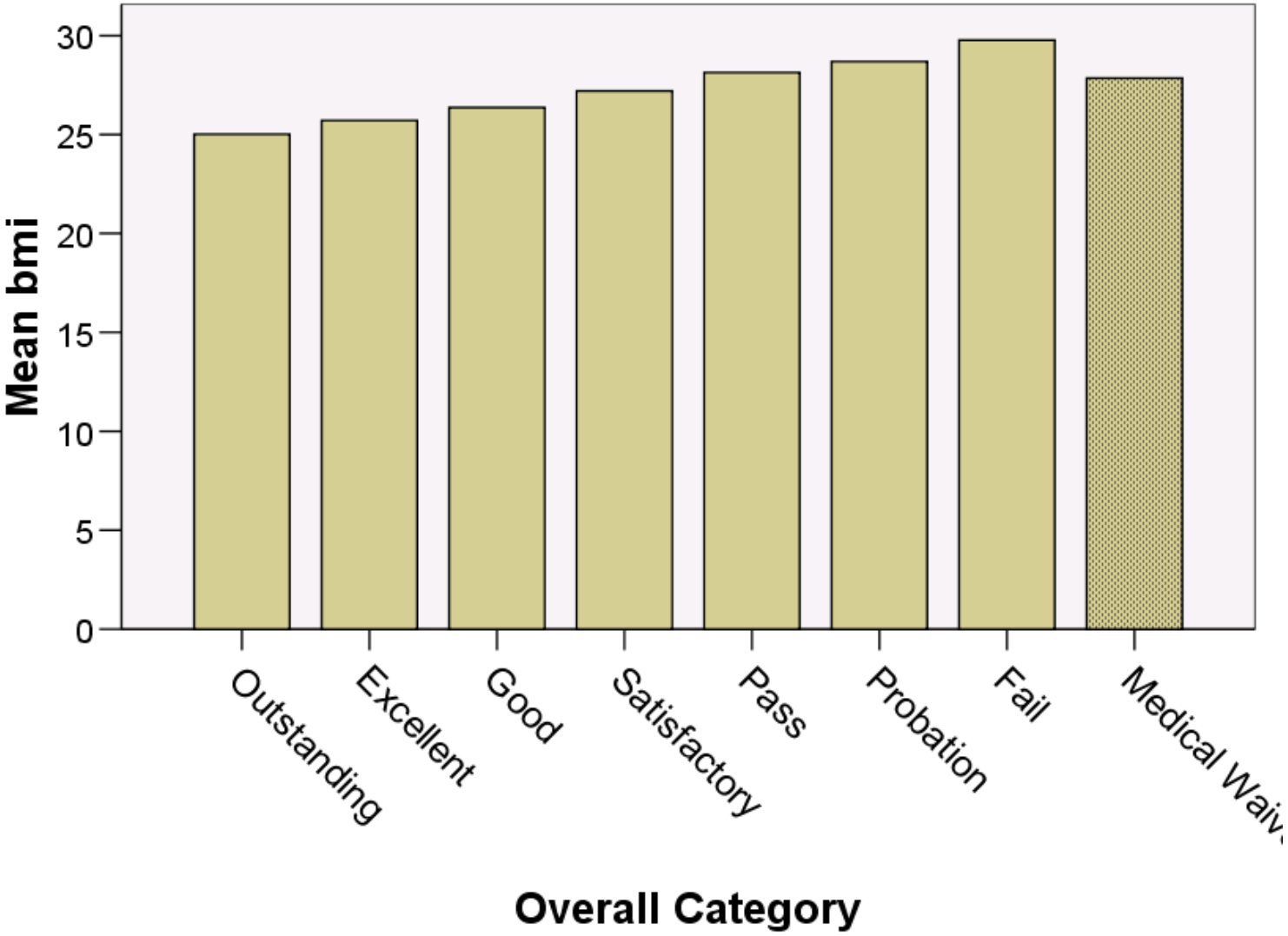
Performance vs. BMI Status (PRELIMINARY) (Counts, n = 217,081)



Performance vs. BMI Status (PRELIMINARY) (Counts, n = 217,081)



BMI vs. Score Category (PRELIMINARY)



Differences between groups (PRELIMINARY)

- BMI by age group
- Older men have higher category scores
  - Lower standards
  - Preferential retention of better performers
  - Other

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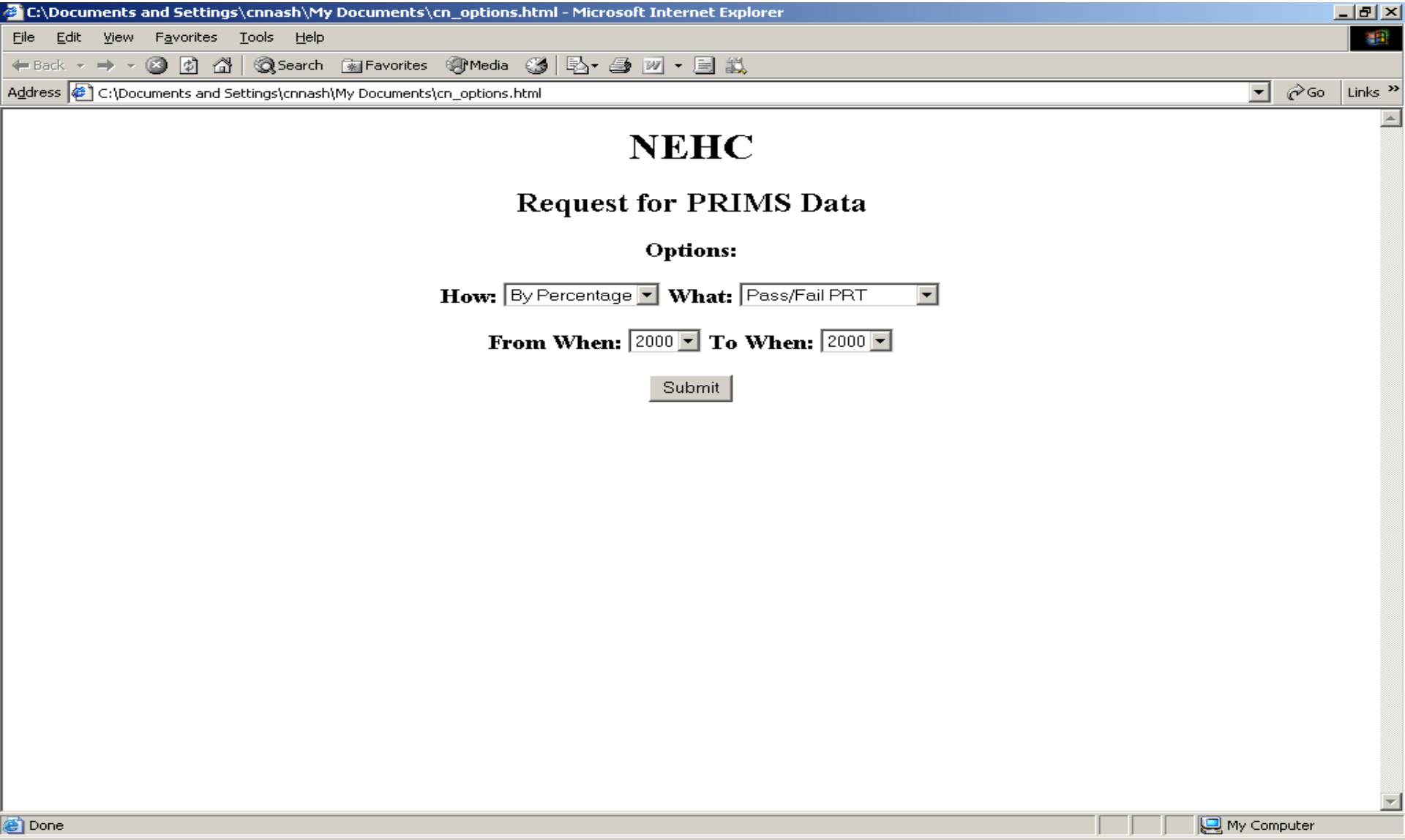
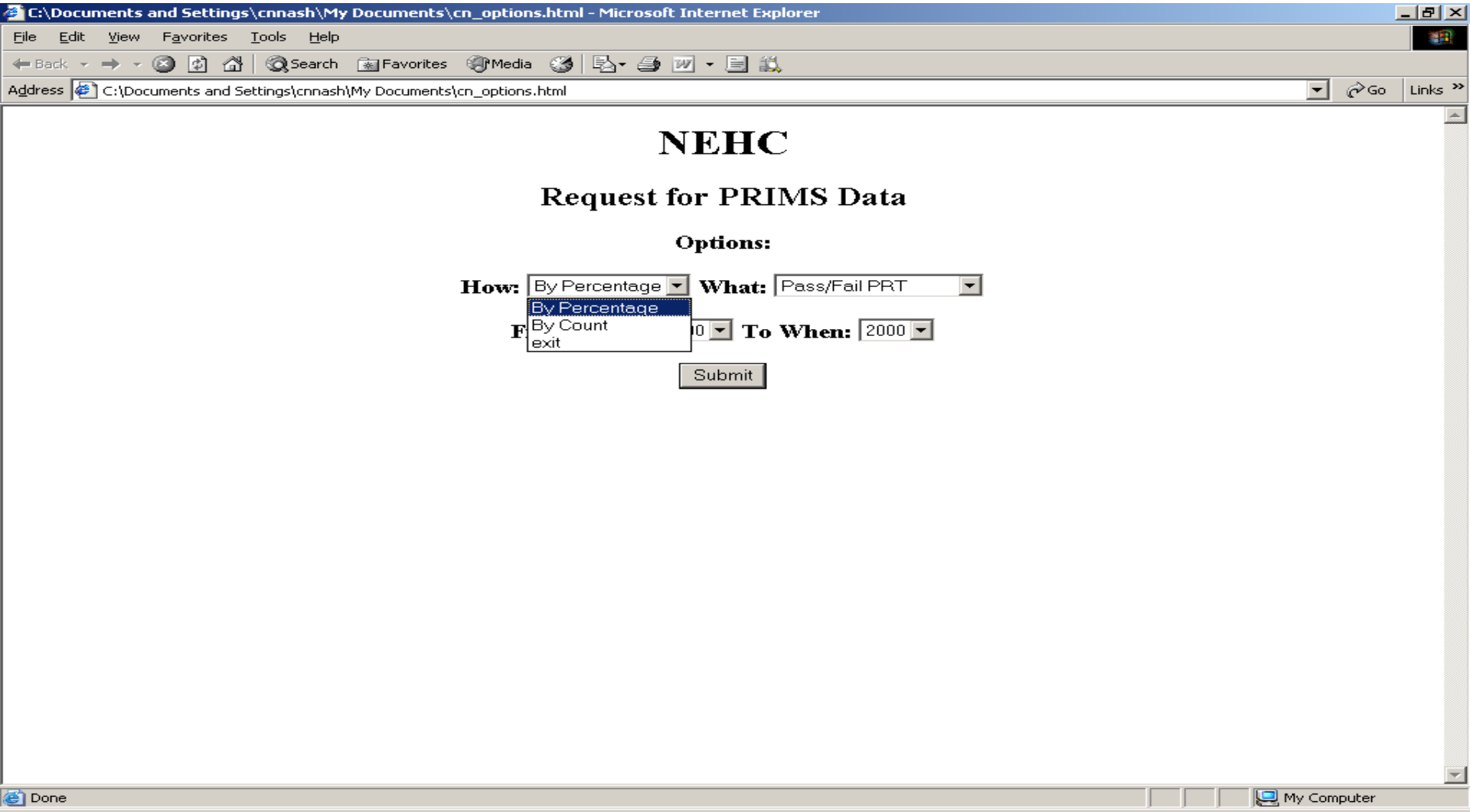
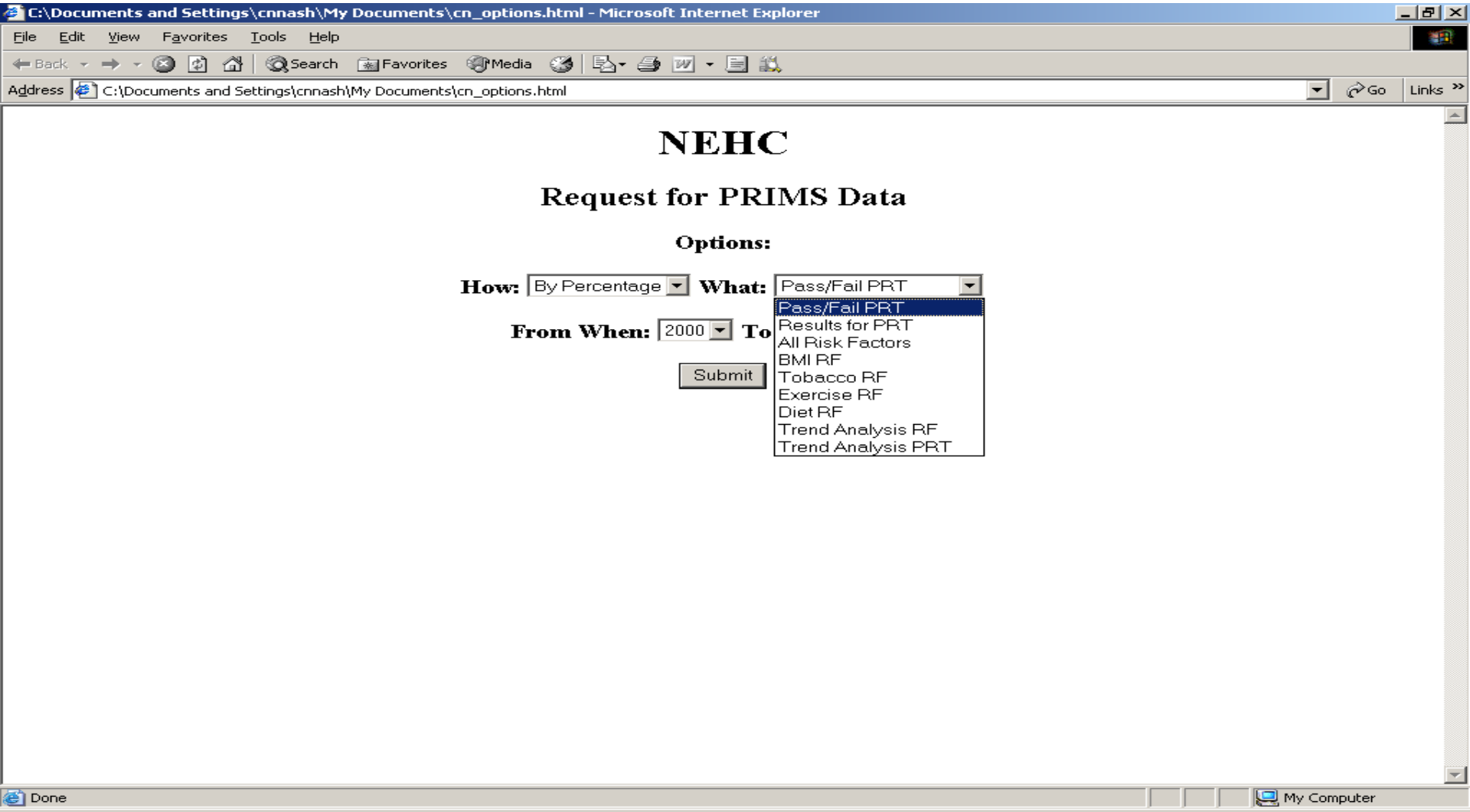
PRIMS Report Screen



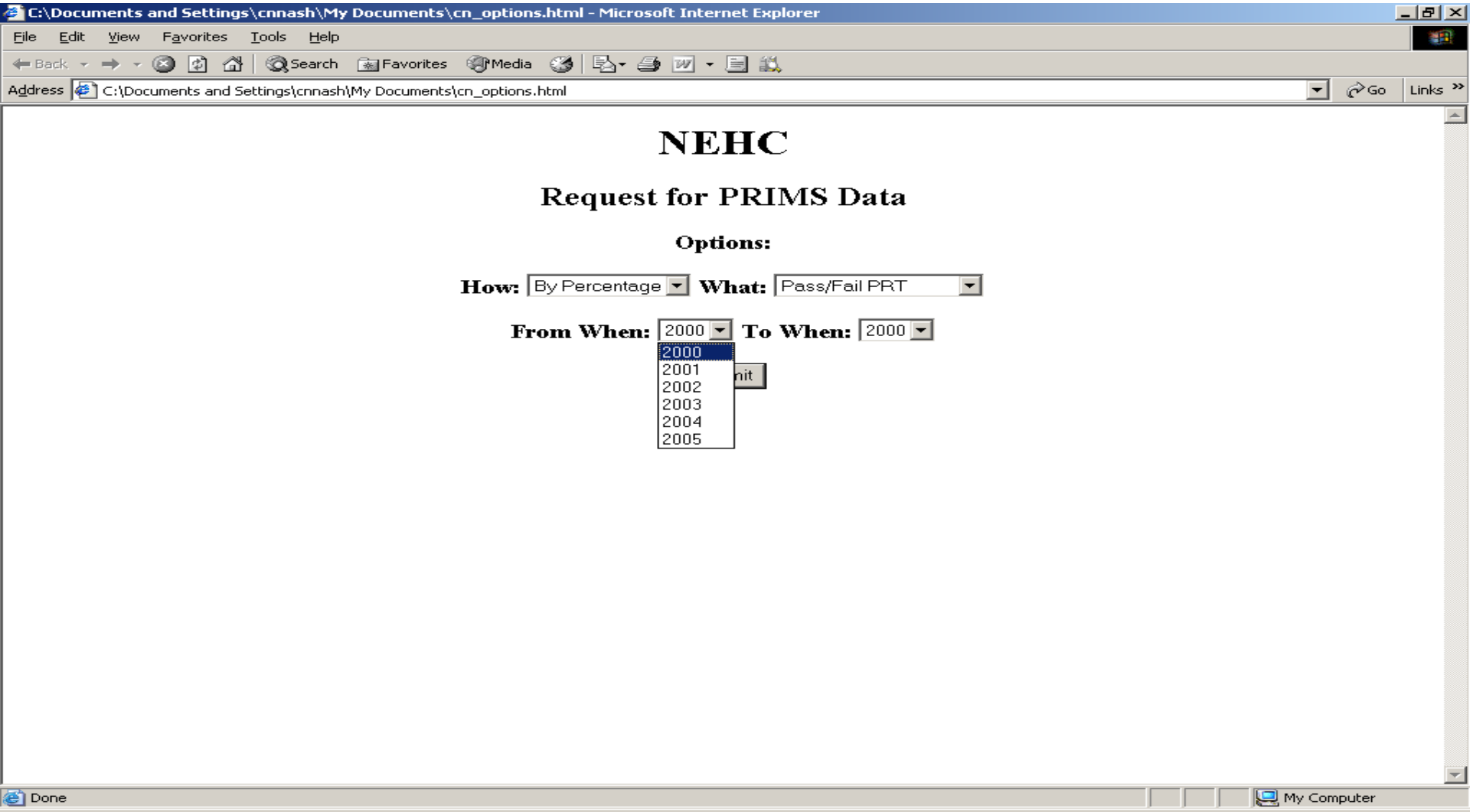
Percentage or Count?



Graph Choice



Date Range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Options:
How: By Percentage What: Pass/Fail PRT
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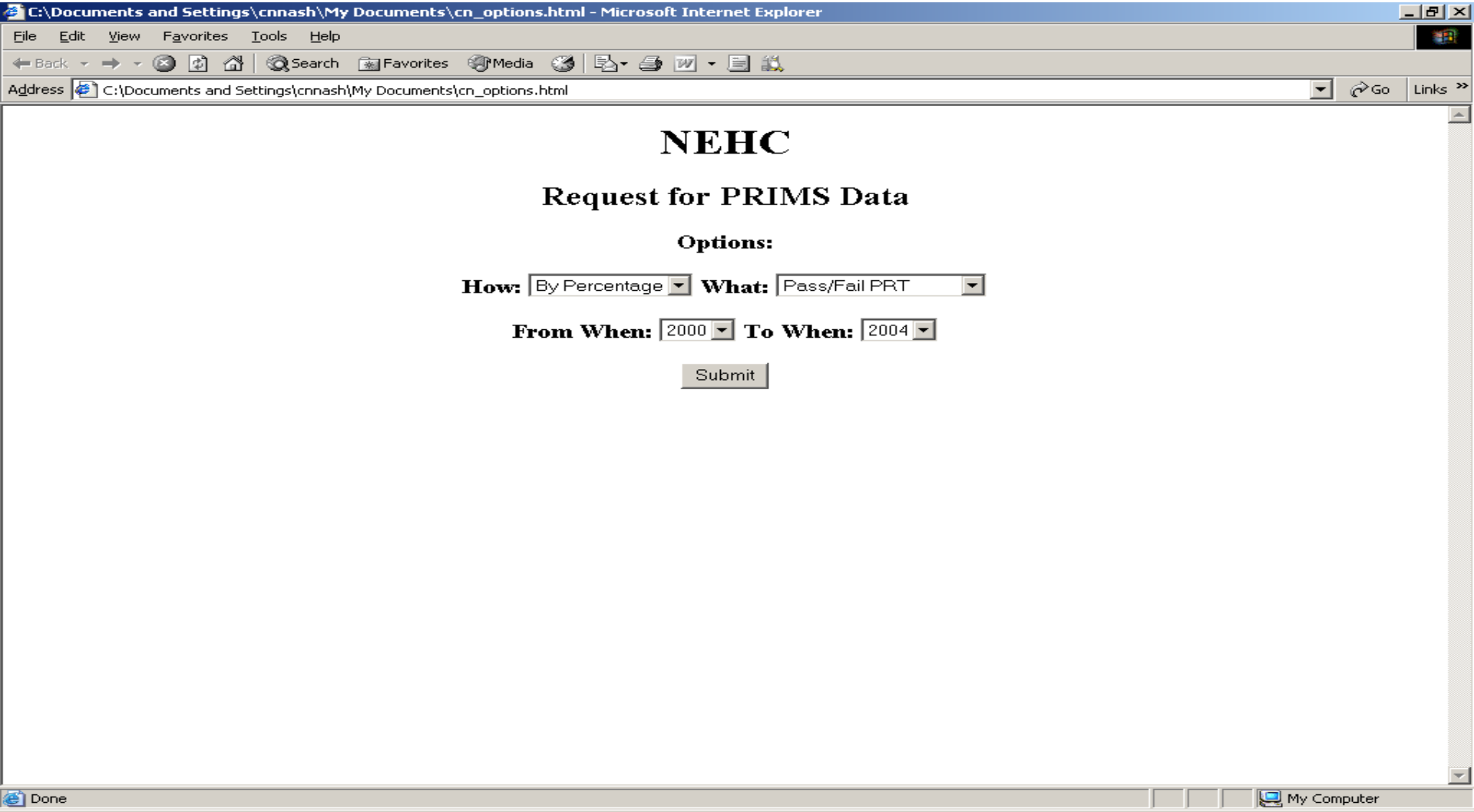
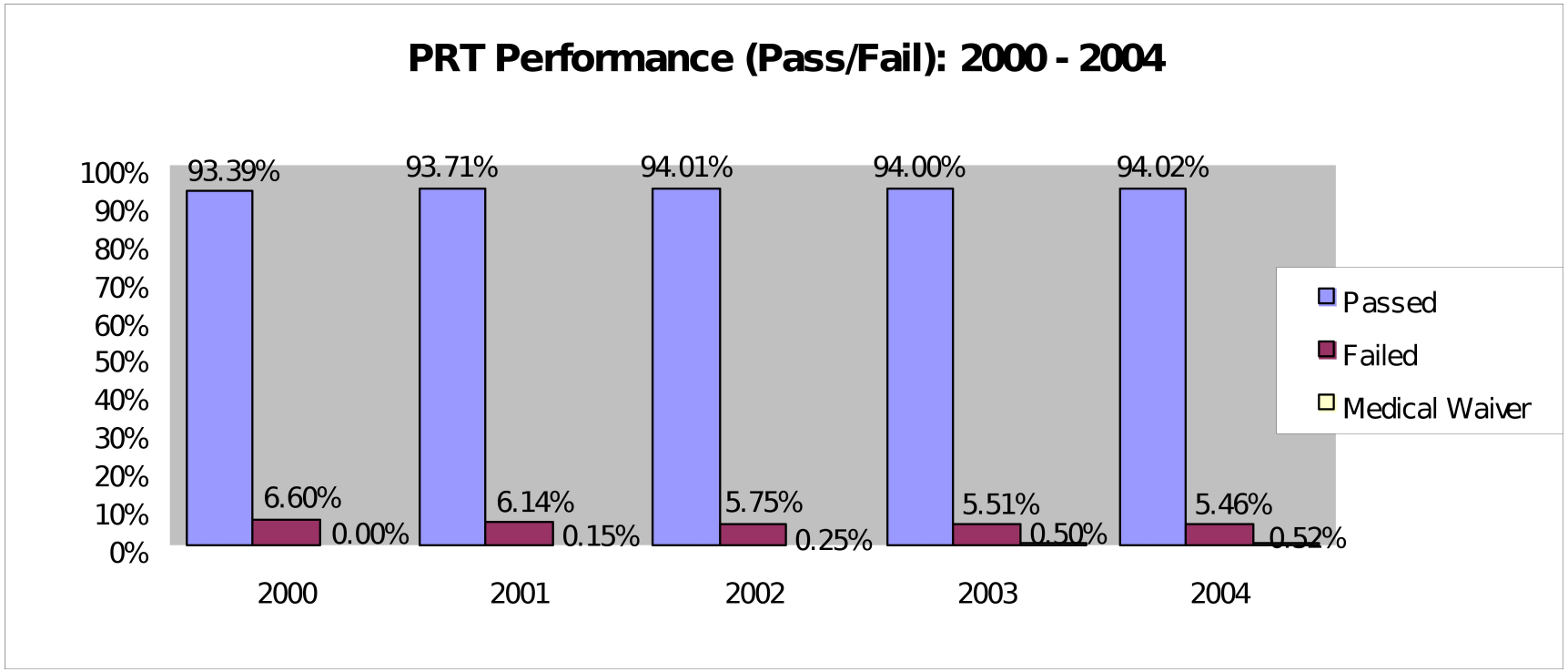
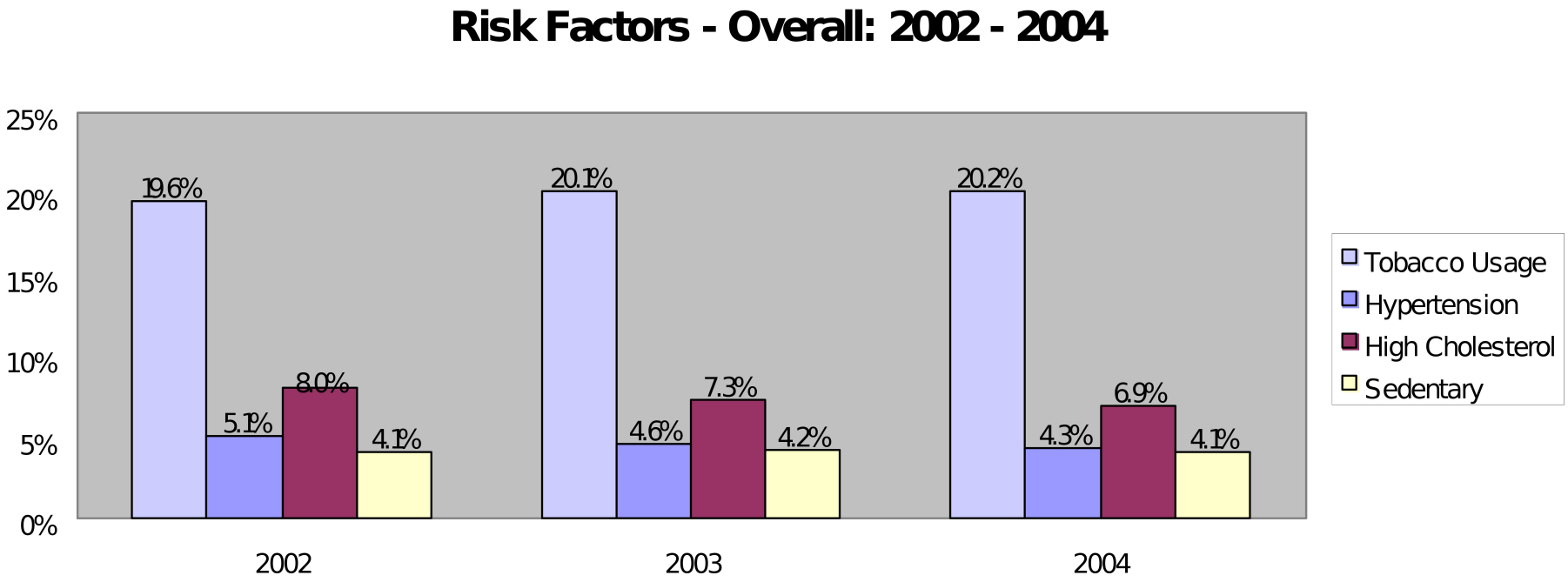
Parameters Selected



Pass/Fail Graph (Example)



Risk Factors Graph (Example)



Wrap-up

- Describe the PRIMS data and its source
- Describe distribution (PRELIMINARY) of
  - Risk factors
  - Body Composition
  - Scores
- List useful graphs and reports
- Contacting me
  - Global address list
  - PDRockswold@mar.med.navy.mil
  - (757) 953-0690